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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/068,664A

DATE: 12/27/2002 TIME: 14:00:34

Input Set : A:\EP.txt

Output Set: N:\CRF4\12272002\J068664A.raw

3 <110> APPLICANT: Li, Chuan 5 <120> TITLE OF INVENTION: De novo synthesized plasmid, methods of making and use thereof 7 <130> FILE REFERENCE: ETI.PMMU.011502 9 <140> CURRENT APPLICATION NUMBER: US 10/068,664A 10 <141> CURRENT FILING DATE: 2002-12-04 12 <160> NUMBER OF SEQ ID NOS: 41 14 <170> SOFTWARE: PatentIn version 3.1 16 <210> SEQ ID NO: 1 **ENTERED** 17 <211> LENGTH: 44 18 <212> TYPE: DNA 19 <213> ORGANISM: Artificial sequence 21 <220> FEATURE: 22 <223> OTHER INFORMATION: Primer 24 <400> SEQUENCE: 1 25 cgcccgccgc ccqqqcqccc cqccttccqc ttcctcqctc actq 44 28 <210> SEO ID NO: 2 29 <211> LENGTH: 44 30 <212> TYPE: DNA 31 <213> ORGANISM: Artificial sequence 33 <220> FEATURE: 34 <223> OTHER INFORMATION: Primer 36 <400> SEQUENCE: 2 37 cgcccgccgc ccgggcgccc cgccaacgcg gaagtcagcg ccct 44 40 <210> SEQ ID NO: 3 41 <211> LENGTH: 44 42 <212> TYPE: DNA 43 <213> ORGANISM: Artificial sequence 45 <220> FEATURE: 46 <223> OTHER INFORMATION: Primer 48 <400> SEQUENCE: 3 49 cgcccgccgc ccgggcgccc cgccaacgca gaccgttccg tggc 52 <210> SEQ ID NO: 4 53 <211> LENGTH: 32 54 <212> TYPE: DNA 55 <213> ORGANISM: Artificial sequence 57 <220> FEATURE: 58 <223> OTHER INFORMATION: Primer 60 <400> SEQUENCE: 4 61 ccgccgcgcc gcttccactg agcgtcagac cc 32 64 <210> SEQ ID NO: 5 65 <211> LENGTH: 32

67 <213> ORGANISM: Artificial sequence

66 <212> TYPE: DNA

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| 69 <220> FEATURE: 70 <223> OTHER INFORMATION: Primer       |            |
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| 103 <213> ORGANISM: Artificial sequence                    |            |
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| 130 <223> OTHER INFORMATION: Primer                        |            |
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| 139 <213> ORGANISM: Artificial sequence                    |            |
| 141 <220> FEATURE:   |            |
| TIL GEO. LEHIONE.  |            |

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|   | <223> OTHER INFORMATION: Primer  |     |
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| 166   | <223> OTHER INFORMATION: Primer  |     |
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|   | <220> FEATURE:   |     |
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|     | <223> OTHER INFORMATION: Primer                                       |            |
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|     | ggaattgtta tccgctcaca attccctata gtgagtcgta ttaatttcga                | 50         |
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|     | <213> ORGANISM: Artificial sequence                                   |            |
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|     | <223> OTHER INFORMATION: Primer                                       |            |
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|     | ggaattgtga geggataaca attectaatt ttgtttaact tt                        | 42         |
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|     |   |            |
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|     | <223> OTHER INFORMATION: Primer                                       |            |
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|     | aagaaggaga tatacatatg aagcttcccg ggtaccggtc gactagttaa                | 50         |
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|     | tagaggcccc aaggggttat gctagttaac tagtcgaccg gtacccggga agcttcat       | 58         |
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|     | <223> OTHER INFORMATION: Primer                                       |            |
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| 289 | ctagcataac cccttgggcc tctaaacggg gtcttgaggg gttttttgca             | 50  |
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|     | <213> ORGANISM: Artificial sequence                                |     |
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|     | <223> OTHER INFORMATION: Primer                                    |     |
|     | <400> SEQUENCE: 24   |     |
|     | cgccgccgc cctgcaaaaa acccctcaag acccgtt                            | 37  |
|     | <210> SEQ ID NO: 25  | ٥.  |
|     | <211> LENGTH: 230  |     |
|     | <212> TYPE: DNA  |     |
|     | <213> ORGANISM: Artificial sequence                                |     |
|     | <220> FEATURE:   |     |
|     | <pre>&lt;223&gt; OTHER INFORMATION: Sequence is synthesized.</pre> |     |
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|     | atacgactca ctatagggaa ttgtgagcgg ataacaattc ctaattttgt ttaactttaa  | 120 |
|     | gaaggagata tacatatgaa gcttcccggg taccggtcga ctagttaact agcataaccc  | 180 |
|     | cttggggcet ctaaacgggt cttgaggggt tttttgcagg gcggcgggcg             | 230 |
|     | <210> SEQ ID NO: 26  | 200 |
|     | <211> LENGTH: 32   |     |
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|     | <213> ORGANISM: Artificial sequence                                |     |
|     | <220> FEATURE:   |     |
|     | <223> OTHER INFORMATION: Primer                                    |     |
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|     | ggcggggcgc ccttccccct tgaaggggcg aa                                | 32  |
|     | <210> SEQ ID NO: 27  |     |
|     | <211> LENGTH: 44   |     |
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| 352 | <223> OTHER INFORMATION: Primer                                    |     |
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| 355 | gaaggagata tacatatgaa tattcgtcca ttgca                             | 35  |
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|     | <211> LENGTH: 36   |     |
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| 361 | <213> ORGANISM: Artificial sequence                                |     |
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VERIFICATION SUMMARY

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